

Application No.: 10/778004
Amendment dated: August 3, 2005
Reply to Official action dated May 4, 2005

AMENDMENTS TO THE CLAIMS

1 (Currently amended). A lubrication and cooling structure of a wet-type ~~lubrication and cooling~~ friction engaging apparatus, wherein a friction disk is fitted by spline with a hub; a mating plate is fitted by spline with a drum; said friction disk and said mating plate are arranged alternately; the engagement of said friction disk and said mating plate results in the transmission of torque; and ~~an~~ a plurality of oil ~~bore~~ bores is provided in said hub to circulate cooling/lubricating oil, characterized in that ~~the~~ said hub has an inner surface and an opening end, the inner surface of said hub ~~is in a~~ having a plurality of steps, said steps providing the inner surface of the hub with a stepped taper shape wherein its whereby the diameter of said inner surface of the hub increases in steps towards the opening end, and said an oil bore of said plurality of oil bores is provided in each said step.

2 (Currently amended). A lubrication and cooling structure engaging apparatus as claimed in claim 1, wherein a periphery of an inlet of each bore of said bore plurality of bores is in a concave shape.